

Today's Topics:

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Stirring Oratorical
Thoughts from a prospective ham

Date: 13 Oct 89 15:42:12 GMT

From: littlei!foobar!jim@uunet.uu.net (Jim Garver)

Subject: Aircraft headsets

Where can I get electret mic elements that are noise cancelling?
The boom mic headset that Yaesu has for the FT-727 is lousy for
aircraft use and mobile with the car window open. I see that some
of the aircraft headset manufacturers have noise cancelling electret
mics, but they want quite a bit for these. Do these electret mic
elements have a back opening to the diaphragm? I wonder how they do
it since all the electret elements I have seen are tiny sealed cans.
Just what is an electret mic, anyway? Is it a condenser or a
piezo element?

--

_ \ _ \ Jim Garver _ \ _ <tektronix!psueea | uunet!littlei>!foobar!jim
 \ \ WA7LDV & N3170N _ _ _ _ () _ _ _ _ jim@foobar<.hf.intel.com|.uucp>
Development Tools Operation, Intel Corp. Hillsboro, Oregon 503-696-2094

Date: 13 Oct 89 19:45:07 GMT

From: cadnetix.COM!cadnetix!rusty@uunet.uu.net (Rusty Carruth)

Subject: alternative power (was Re: Field-day)

In article <3997@deimos.cis.ksu.edu> mac@harris.cis.ksu.edu (Myron A. Calhoun)
writes:

>In article <9780@cadnetix.COM> rusty@cadnetix.COM (Rusty Carruth) writes:

>>Another friend of mine seems to think that a good wind-based scheme

>>would beat water hands down, but he has yet to convince me completely...

>

>One of the EE professors here at KState spent several years studying

>wind-energy production. One of his many conclusions is that if the
>wind does not AVERAGE at least 11 (ELEVEN) miles/hour, then it's not
>worth your time & effort to try to harness it. And that's a LOT of wind.
>

I suppose I should have been a bit more specific about his reason
for being so excited about wind power. He had heard of some
kind of 'vortex based' generator which supposedly generated a
huge wind shadow downwind, thus reducing the minimum wind required.

Seems like he said that a fairly slow wind would result in such
a vacuum being generated at the bottom (intake) of the device
that you had to put a fence around it to keep small animals from
being ingested... (Now, does *that* sound like urban legend
to you? Nah! :-)

Anybody know of such a device? Does it work as well as my
friend wants to believe?

---Join the usenet un-net, 28.410 and/or 28.390, 1500Z to 1600Z saturdays!
Rusty Carruth. Radio: N7IKQ ^^ or later :-)
DOMAIN: rusty@cadnetix.com UUCP:{uunet,boulder}!cadnetix!rusty
home: POB. 461, Lafayette 80026

Date: 13 Oct 89 16:27:45 GMT
From: sun-barr!newstop!east!hienergy!jimv@apple.com (Jim Vienneau - CSD Program
Manager)
Subject: ARRL bashing

With all this ARRL bashing, I'd like to point out one thing: Our government
is largely controlled by special interest groups. If it wasn't for the ARRL
in there working for amateur radio, there may be no amateur radio to worry
about! The ARRL is far from perfect, but I can assure you there are a great
many private interests that would be more than happy to occupy our current
allocations. The ARRL is the *ONLY* fairly loud voice in Washington that we
have. If you don't support the ARRL, your not supporting amateur radio.

If you don't like the decisions they make, fight them! They work for you (if
your a member of course). Saying your not going to renew because you don't
like a decision is like giving up on your country because you don't like the
way things are going in congress. Support the ARRL, they are our best and only
tangible voice.

OK, I'll get down now :-)

Jim Vienneau - KC10U

Sun Microsystems - Billerica, MA
sun!suneast!jimv
(508)671-0372

Date: 13 Oct 89 13:25:49 GMT
From: gem.mps.ohio-state.edu!ginosko!shadooby!sharkey!cfctech!teemc!mibte!gamma!
townet!pyuxp!pyuxe!whs70@tut.cis.ohio-state.edu (W. H. Sohl)
Subject: Bandwidth grudgingly given

In article <7880082@hpfcdc.HP.COM>, perry@hpfcdc.HP.COM (Perry Scott) writes:
> >If CBers were serious about getting a bigger allocation
> >it would behoove them to push the Government for better policing of Part 95
> >violations, and the reinstituion of licensing. Period.
>

Personally, as both a ham and occasional CBer, I think the interest in CB has peaked several years ago. Living in the New York/New Jersey area, I find far less chatter and far less garbage on any of the CB channels I listen on. Even driving in the car these days you find far less people with CB's.

I don't know what, if any, push might be on for more CB channels, but all you need to do is scan the 40 channels in Northwest NJ and you'll find many with no activity. I think with that type of use, there wouldn't be much reception at the FCC for more channels.

Along those same lines, I drove cross country last year on an 8500 mile trip and found that once you are not in a Metro area, the CB channels, and I mean litterally all the channels, go silent.

As opposed to the CB folks, by far the greatest threat to ham bandwidth is, and will continue to be, the commercial interests.

Just some food for thought.

Bill Sohl, K2UNK

Date: 13 Oct 89 19:38:05 GMT
From: cadnetix.COM!cadnetix!rusty@uunet.uu.net (Rusty Carruth)
Subject: Callsign tape from NTIS

I called the NTIS today, and for you 30 (or so) people who are waiting with bated breath to know -

They shipped the tape yesterday (October 12, 1989).

This means I should be getting it sometime next week, which means I'll be pretty busy the weekend of October 21 :-)

73 de rusty n7ikq (and looking forward to seeing *you* on the un-net Tomorrow (and not looking forward to *missing* the un-net next weekend! (for obvious reasons :-)))

---Join the usenet un-net, 28.410 and/or 28.390, 1500Z to 1600Z saturdays!
Rusty Carruth. Radio: N7IKQ ^^ or later :-)
DOMAIN: rusty@cadnetix.com UUCP:{uunet,boulder}!cadnetix!rusty
home: POB. 461, Lafayette 80026

Date: 13 Oct 89 17:23:45 GMT
From: mae37.ncsu.edu!krib@ncsu.edu (Kenneth Barnhouse/60000)
Subject: crystals for a Heathkit HW 101

Does anyone know of a supplier of crystals for a Heathkit HW 101? I think the crystal for the 28 Mhz band has died in my rig. The address and phone number of suppliers would be greatly appreciated.

Thanks,

Ken Barnhouse, N4VQK internet: krib@ecoult.ncsu.edu
Systems Programmer bitnet: barnhouse@ncsuhe
Engineering Computer Operations phone: (919) 737-2458
North Carolina State University

Date: 13 Oct 89 11:37:21 GMT
From: att!cbnewsc!parnass@ucbvax.Berkeley.EDU (Bob Parnass, AJ9S)
Subject: Heathkit name change?

Now that Zenith is selling its Heath business to Clendes Machines Bull, will Heathkit become Bullkit? :-)

--

=====

Bob Parnass, AJ9S - AT&T Bell Laboratories - att!ihuxz!parnass (312)979-5414

Date: 13 Oct 89 13:50:51 GMT
From: eru!luth!sunic!mcsun!hp4nl!kunivv1!root@bloom-beacon.mit.edu (Privileged Account)

Subject: HF communications

I am doing a project on HF communications. It involves developing a soft-decision decoder for HF signals such as RTTY or packet radio signals. These signals are demodulated with an FSK or PSK demodulator. The output of the decoder is sampled, and fed into the computer. The computer does the decoding to improve error correction when the signal is bad (fading, clicks, bursts etc), "by using as much as possible". The final goal of the project is to implement a real time soft decision decoder.

The project will be done at the University of Nijmegen, dept Computer Science. A telecommunications station PI5KUN is available, with amateur HF transceivers.

I am looking for articles and other information.

Please send them to me by email or by mail .

My address is : Phons Bloemen

Sophiaweg 244

6523 NJ Nijmegen, The Netherlands.

Date: Fri, 13 Oct 89 11:23:19 EDT

From: es!Jay_Appell_office@harvard.harvard.edu

Subject: Pro-32 Scanner

Does anyone have mod information for the PRO-32 scanner ?

Thanks for your help in advance.

73s de Kalsna

Date: 13 Oct 89 14:09:49 GMT

From: tank!suzy@handies.ucar.edu (suzy marie mercer)

Subject: rec.ham-radio Archives?

I am trying to track down the licensing requirements for various countries, and it was noted that this topic has been covered some time ago in the Code-No code discussion. Could someone please point me to an archive that might have old rec.ham-radio postings?

Many thanks.

--

suzy marie mercer

suzy@tank.uchicago.edu

....!uunet!mimsy!oddjob!tank!suzy

Date: 13 Oct 89 14:23:34 GMT

From: m2c!jjmhome!km3t@husc6.harvard.edu (D. Pascoe KM3T)

Subject: Stirring Oratorial

In article <8910121209.AA07987@bunny.gte.com>, pescatore_jt%ncsd@gte.COM writes:

> [stuff deleted]

>

> If you don't like an article in the magazine, complain to the writer. If you
> don't like QST in general, complain to the editor. If you don't think there
> is enough technical content, write an article. If you don't like the action
> of an elected director or whatever, complain to him or vote against him, or
> run for office yourself. If you don't like what a member does, complain to
> him.

John is right. If more hams would actually get involved, by writing or joining special interest groups, I'm sure many things can be changed. I have a feeling that many hams feel that they are in the minority and have no power to change situations. I don't know why more hams don't get involved; is it apathy or confusion or what? I don't know and may never know. DO SOMETHING positive to change things. Don't just sit around and bitch.

> In general, ham radio has gotten to where it is today (which despite all
> the gloom and doomers, is a pretty amazing place) by the actions of many
> self motivated individual amateurs.

No question about it.....look at people like Phil Karn (KA9Q) with his TCP/IP work and others too numerous to mention who have advanced the state of microwave communications, for example. What about the ATVers, the groups who have set up linked repeaters, EMEers? I could go on and on for hours.

The point is that there are still many areas to explore and develop within the hobby. NOT ALL OF THESE ARE SOLELY TECHNICAL. There is still much to develop in operational circles as well. For instance, traffic handling during emergency and disaster situations could still use more development. How do you do this? Practice...such as that obtained during emergency "exercises". There are many areas of the hobby to get involved with. Whoever tries to tell you that everything has basically been done already is full of it.

But, I digress. Good job John.

--

| Internet: pascoe@edcd.GTE.COM or pascoe%edcd.GTE.COM@relay.CS.NET

Dave Pascoe | Smart Mailer: km3t@jjmhome.UUCP
KM3T/1 | UUCP: {harvard}!cloud9!jjmhome!km3t
| Packet Radio: km3t @ wb1dsw.nh.usa.na

Date: 13 Oct 89 18:53:31 GMT
From: rti!tijc02!jkl141@mcnc.org (John Leroy)
Subject: Thoughts from a prospective ham

>From article <1747@gazette.bcm.tmc.edu>, by andreask@watson.bcm.tmc.edu (Andreas Kasenides):

>
> To all TRUE (in spirit and in practice) hams:
>
> *** The thoughts I am expressing below are NOT flames at all ***
>
> I have seriously considered joining the ranks of hams for the last couple
> of months so I joined this newsgroup to find out what really goes around
> in the ham world. Unfortunately I was disappointed and I am reconsidering
>
> Most of the discussions were about hams operating in a NON-civilized manner
> or about discussions on whether non-hams should be allowed to buy ham
> equipment or not. Hey guys what happened to the hard core HAMS that discuss
> design problems. What happened to HAMS that build their own stations ? What
> happened to HAMS that support and encourage the uninitiated, like me, to get
ithe game ?

I don't know if I qualify as a TRUE ham or not. Your comments made me stop and think about it though. I still build equipment, write some software, try to encourage new hams and participate in the club activities and have even served as an officer of the club here. Like most modern hobbieists, I spend plenty of money (usually totalled up after-the-fact) on my hobby.

> As a person that spent almost half of my life studying electronics I think
> the pleasure of only talking to HAMS around me is only half the game. I derive
> as much satisfaction from building stations as well as using them. Is it
> against the law, nowadays, for hams to build their own stations ??

With ham radio, like several other hobbies or interests, if you prefer, the COMMUNICATING is the easy part, hence the part that most people engage in. Look at computer hobbieists and the bbs'ing over the phone lines. Communicating is so easy nowadays that most of us find that the bandwidth of the medium easily exceeds what we have to say. Thus it follows that the people you hear (see?) on the bbs's and usenet and packet radio and cellular phones and CB radio and so forth are naturally the mouthiest. The quantity is high but the quality is low, and you must learn to filter out the crap. Sorry, but it's a natural result

of easy access to the technology.

>

> Can somebody, please, give me some incentive for joining ? I am NOT
> discouraged but I AM disappointed.

Join for the very reasons you mentioned at the beginning of your letter.
People ARE making contributions to the art in ham radio. People ARE
performing public service in ham radio. People ARE expanding good-will
internationally. Ham radio is like any other PUBLIC function, the
contributions to society will exceed the detriments, or it will collapse.

>

> Thanks

You're welcome and 73,

--

-John LeRoy

Packet Radio: WA4VLV @ WX4S
Compuserve: 74136,401
UUCP: rti!tijk02!jkl141
Phone: 615-461-2440

End of INFO-HAMS Digest V89 Issue #765
